Bureau of Land Management



Amarillo Field Office Helium Operations

Statistical Report for July - 2008





Distribution:

Fluid Minerals Group Manager, Washington Office

NMSO, New Mexico State Director

NMSO, Associate State Director

NMSO, Petroleum Engineer

Field Manager, Amarillo Field Office

Assistant Field Managers (3)

Team Leaders

- -Federal Leased Lands
- -Resources Evaluation & Gas Analysis
- -Division Of Helium Operations, -

Engineering and Technical Support

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Amarillo, Texas

Issued: September 16, 2008

"Please Note: Data in this report is accurate as of print date; however all data is subject to change."

Approved for distribution: Nelson R. Bullard Date: 09/16/2008

Helium Enrichment Unit Operations	_	nth		la - '	
Gas Processed	Gross Volume	Net Helium		Gross Cumulative	Net Cumulativ
Plant Feed	627,828	162,735	25.92%	36,321,902	9,250,73
Helium Product	202,286	159,298	78.75%	11,584,257	9,104,64
Residue Natural Gas	272,159	0	00.00%	15,801,846	1,19
Natural Gas & Liquids Produced					
Gas Processed				Month	FYT
Natural Gas Sales (Mcf***)				283,428	2,844,97
NGL Sales (gallons)				51,664	784,27
*** Volumes in Mcf at 14.73 psia & 60°F					
Bush Dome Reservoir Operations		nth	A	0	Not Occupated
Conservation gases from all sources	Gross Volume	Net Helium	-	Gross Cumulative	Net Cumulativ
Total Withdrawn	641,490	176,673	27.54%	171,066,400	29,037,48
Crude Injection	11,402	9,027	79.17%	65,762,993	47,473,97
Crude Production	19,896	15,719	79.01%	891,279	648,969
Storage Operations					
Conservation Helium		Month	FYTD	CYTD	Cumulativ
Open Market Sale Volumes (Mcf*)		222,000	1,296,000	1,163,000	8,546,600
Conservation Helium in Storage (EOM)		19,422,160			
* Volumes in Mcf at 14.65 psia & 60°F					
In Kind Helium		Month	FYTD	CYTD	Cumulati
Sale Volumes Transferred		105	166,918	115,128	2,162,92
Sale Volumes Outstanding		43,016			
Volumes in Mcf at 14.65 psia & 60°F					
Private Company Helium Storage Contrac	ts	Мо	nth		Annual
Contact Activity		Gross Volume	Net Helium	Average Percent	Helium FYTD
Crude Acquired		67,626	46,277	68.43%	568,12
Crude Disposed		274,713	208,377	75.85%	2,069,94
Net Balance		(207,087)	(162,100)		(1,501,81
Balance of Stored Helium End Of Month Volumes in Mcf at 14.65 psia & 60°F			1,282,919		
Revenue / Charges Helium Storage Contracts (Charges Billed (\$)				Month	FYT
_					
Storage Fees Billed (\$) Reservoir Management Fees Billed (\$)				\$355,768 \$217,646	\$3,222,410 \$2,029,93
Neservoir ividitagement rees billeu (\$)				\$217,040	\$2,029,93
Field Compressor Charges (Charges Billed (\$)				Month	FYT
Funded by Cliffside Refiners, LP (provides for booster comp	,			(\$59,625)	(\$614,62
Cliffside Refiners, LP, by Agreement #GDA010003 (reimbur				<u>\$15,151</u>	<u>\$169,89</u>
Net-Total (Funded by the four Refiners to the Cliffside Refine	ers, LP for the compress	sion costs.)		(\$44,474)	(\$444,73
				Month	FYT
Enrichment Unit Charges (Charges Billed (\$)					
				\$217,646	
Reservior Management Fees (RMF)				\$217,646 (\$1,020,433)	\$2,029,93
Reservior Management Fees (RMF) Total operating costs					\$2,029,93 (\$9,294,00)
Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM				(\$1,020,433)	\$2,029,93 (\$9,294,00) \$4,185,87
Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001	d Sales	(Charges Billed (\$)		(\$1,020,433) \$509,620 (\$510,813)	\$2,029,93- (\$9,294,00: \$4,185,87: (\$5,108,136
Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liqui	d Sales	(Charges Billed (\$)		(\$1,020,433) \$509,620 (\$510,813)	\$2,029,934 (\$9,294,00) \$4,185,872 (\$5,108,130
Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liqui Open Market Sales	d Sales	(Charges Billed (\$)		(\$1,020,433) \$509,620 (\$510,813) Month \$726,000	\$2,029,934 (\$9,294,000) \$4,185,873 (\$5,108,130) FYT \$76,109,000
Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liqui Open Market Sales In Kind Sales	d Sales	(Charges Billed (\$)		(\$1,020,433) \$509,620 (\$510,813) Month \$726,000 \$0	\$2,029,934 (\$9,294,002 \$4,185,872 (\$5,108,130 FYT \$76,109,000 \$9,470,479 \$24,331,770
Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liqui Open Market Sales In Kind Sales Natural Gas & Liquid Sales	d Sales	(Charges Billed (\$)		(\$1,020,433) \$509,620 (\$510,813) Month \$726,000	\$2,029,934 (\$9,294,000) \$4,185,873 (\$5,108,130) FYT \$76,109,000 \$9,470,475
Enrichment Unit Charges (Charges Billed (\$) Reservior Management Fees (RMF) Total operating costs Sub Total - Items provided by BLM Total - Cliffside Refiners, LP, GDA030001 Conservation Helium - Natural Gas - Liqui Open Market Sales In Kind Sales Natural Gas & Liquid Sales Helium Resources Evaluation Revenue Collected from Federal Lease Holds	d Sales	(Charges Billed (\$)		(\$1,020,433) \$509,620 (\$510,813) Month \$726,000 \$0	\$2,029,934 (\$9,294,000) \$4,185,873 (\$5,108,130) FYT \$76,109,000 \$9,470,475

Submitted - 22

Received - 8

Helium Sample Collection Report for month

Analyzed - 69

		Gross V	Vithdrawal	Net Helium	n Withdrawal	Nitro	ogen	Met	hane	Ethan	e plus	Other (CC	02, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
TOTAL		641,490	171,066,400	176,673	29,037,486	160,326	41,962,026	270,347	89,740,577	28,801	8,910,984	5,343	1,415,327
BIVINS A-3	Jul-08	23,423	9,948,970	13,778	3,002,567	5,880	2,519,018	3,287	3,972,639	326	387,682	152	67,065
BIVINS A-6	Jul-08	19,896	7,965,218	15,719	4,559,476	3,673	1,980,373	362	1,274,313	1	122,822	141	28,233
BIVINS A-13	Jul-08	49,097	4,219,761	25,616	2,649,050	12,288	1,114,138	9,780	398,001	1,060	41,074	354	17,497
BIVINS A-14	Jul-08	61,235	4,657,000	37,550	3,193,370	15,290	1,196,836	7,193	227,174	749	22,748	453	16,870
BIVINS A-4	Jul-08	36,117	10,214,181	12,367	1,705,237	8,850	2,471,782	13,164	5,414,321	1,425	534,144	311	88,698
BUSH A-2	Jul-08	33,260	9,440,352	9,777	1,359,750	8,451	2,292,022	13,322	5,188,728	1,471	516,214	239	83,639
Injection	Jul-08	11,402	65,762,993	9,027	47,473,974	2,090	16,974,607	204	766,575	(0)	18	81	547,819
inj Bivins A-3	Jul-08	0	(25,652,212)	0	(18,384,374)	0	(6,554,527)	0	(332,774)	0	0	0	(380,537)
inj Bivins A-6	Jul-08	(11,402)	(23,723,571)	(9,027)	(17,141,915)	(2,090)	(6,344,363)	(204)	(129,111)	0	(9)	(81)	(108,174)
inj Bivins A-13	Jul-08	0	(6,490,417)	0	(4,706,191)	0	(1,656,853)	0	(122,391)	0	(2)	0	(4,980)
inj Bivins A-14	Jul-08	0	(6,501,333)	0	(4,767,421)	0	(1,602,106)	0	(126,303)	0	(7)	0	(5,497)
inj Bivins A-4	Jul-08	0	(2,527,801)	0	(1,848,815)	0	(601,353)	0	(42,016)	0	0	0	(35,617)
inj Bush A-2	Jul-08	0	(867,658)	0	(625,258)	0	(215,406)	0	(13,980)	0	0	0	(13,015)
Production	Jul-08	19,896	891,279	15,719	648,969	3,673	195,215	362	38,192	1	2,833	141	6,070
BIVINS A-1	Jul-08	0	2,686,608	0	48,896	0	636,995	0	1,798,415	0	175,704	0	26,597
BIVINS A-2	Jul-08	14,761	12,130,369	1,167	1,785,127	3,558	2,987,137	8,965	6,607,543	938	651,962	133	98,600
BIVINS A-5	Jul-08	29,346	13,222,118	8,011	1,418,490	7,473	3,215,404	12,280	7,707,598	1,358	763,539	225	117,087
BIVINS A-7	Jul-08	26,519	9,418,788	9,193	2,004,968	6,905	2,352,130	9,201	4,538,705	1,042	453,150	178	69,834
BIVINS A-9	Jul-08	41,403	8,267,444	836	153,437	10,683	2,007,646	26,745	5,480,837	2,811	547,663	328	77,861
BIVINS A-11	Jul-08	27,009	4,275,702	598	81,390	6,922	1,047,871	17,410	2,820,253	1,837	285,369	241	40,819
BIVINS A-15	Jul-08	22,743	7,177,172	500	381,164	5,390	1,714,932	15,059	4,557,707	1,539	452,632	255	70,738
BIVINS B-1	Jul-08	41,292	5,346,695	1,666	218,613	10,108	1,290,692	26,363	3,438,282	2,749	347,080	406	52,027
BIVINS B-2	Jul-08	36,786	4,055,603	703	75,865	9,440	1,002,691	23,608	2,656,038	2,477	270,175	558	50,834
BUSH A-1	Jul-08	0	5,721,962	0	104,140	0	1,356,677	0	3,830,281	0	374,216	0	56,647
BUSH A-3	Jul-08	34,542	9,108,097	17,561	1,595,022	8,896	2,226,843	6,988	4,735,583	810	469,633	286	81,015
BUSH A-4	Jul-08	22,387	6,489,941	5,354	1,188,968	5,743	1,610,613	10,056	3,310,245	1,098	330,862	136	49,253
BUSH A-5	Jul-08	41,373	12,752,720	13,324	2,633,487	10,560	3,184,875	15,531	6,222,358	1,718	619,370	239	92,629
BUSH A-8	Jul-08	16,292	2,863,984	301	52,363	4,019	685,473	10,639	1,904,223	1,103	189,772	231	32,153
BUSH A-9	Jul-08	15,401	3,442,922	733	81,741	3,966	823,817	9,592	2,279,859	1,031	225,388	79	32,116
BUSH A-11	Jul-08	21,001	3,159,945	749	89,979	5,044	754,472	13,549	2,072,233	1,400	208,658	258	34,603
BUSH B-1	Jul-08	677	3,102,222	13	58,260	165	735,880	448	2,074,204	47	203,345	5	30,533
FUQUA A-1	Jul-08	0	2,954,071	0	53,853	0	702,791	0	1,975,156	0	193,571	0	28,699
FUQUA A-2	Jul-08	0	132,119	0	2,404	0	31,322	0	88,458	0	8,637	0	1,297
FUQUA A-3	Jul-08	26,930	8,312,440	1,159	539,869	7,020	2,019,595	16,805	5,167,421	1,812	515,571	135	69,983
TT Fuel	Jul-08	664	0	12	0	162	0	439	0	46	0	5	0
	fie	eld-wide pcts		27.54%	16.97%	24.99%	24.53%	42.14%	52.46%	4.49%	5.21%	0.83%	0.83%

Latest estimates of reserves and feed to HEU

Based on NITEC's 2003 reserves study from NITEC's interim report

est z-factor 0.975

As of EOM Jul-08	Volumes in BCF	•	
Initial Gas In Place	330.040		
Produced 1924 to 1961	48.830		
Injected 1924 to 1961	0.450		
Remaining Gas In Place 196	281.660		
Left Behind Pipe, 1961	82.060	====> 1.500	BCF of contained helium
Remaining in Place, 1961	199.600		
Gas In Place 1961	199.600		
Produced 1961 to July 2002	82.450		
Injected 1961 to July 2002	64.510	Net Helium	
Remaining Gas In Place July	2002 181.660	33.997	
Produced July 2002 through	Dec 2002 1.096	0.743	
Production 2003 - 07	32.417	9.026	
Injection 2003 - 07	(0.563)	(0.435)	
Produced to Date 2007	6.273	1.682	
Injected to Date 2007	(0.192)	(0.150)	
Amount of Raw Gas Available	le to CHEU 142.628	====> 23.131	total helium in reservoir
Estimated Bottom Hole Pres	sure 522.384		

Crude Helium Enrichment Unit Operations

		Gross W	/ithdrawal	Net Helium	Withdrawal	Nitr	ogen	Met	hane	Ethar	ne plus	Other (Co	D2, Ar, H2)
		Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative	Month	Cumulative
Measured Feed	Jul-08	627,828	36,321,902	162,735	9,250,737	158,138	9,129,390	272,644	15,933,920	29,036	1,701,144	5,276	306,711
Calculated Feed	Jul-08	620,930	36,227,820	160,941	9,276,338	156,492	9,108,157	269,546	15,844,689	28,755	1,692,357	5,196	306,271
Feed to Box	Jul-08	617,194	36,018,248	160,941	9,276,338	156,492	9,108,157	269,546	15,844,689	28,755	1,692,357	1,460	96,708
Cheu Product	Jul-08	202,286	11,584,257	159,298	9,104,647	37,817	2,172,125	3,739	226,848	(3)	380	1,435	80,259
Residue	Jul-08	272,159	15,801,846	0	1,197	6,633	390,111	241,285	14,002,627	24,241	1,406,700	0	1,211
Cold Box Vent	Jul-08	96,917	6,501,416	220	80,947	90,015	5,547,698	6,673	813,028	(0)	137	9	59,607
Flare/Boot Strap	Jul-08	14,832	723,164	1,055	38,162	5,175	292,735	7,747	301,340	848	85,756	7	5,170
Fuel From Cheu	Jul-08	9,510	488,500	0	244	230	14,516	7,760	395,876	1,520	77,864	0	0
Shrinkage/Loss	Jul-08	2,150	117,372	0	0	0	0	0	0	2,150	117,372	0	0
Unaccounted*	Jul-08	19,340	845,508	368	48,962	16,621	709,359	2,342	84,697	0	1,082	9	1,408

^{*}Before October 2004, the values are estimated

Storage Operations

Inventory (contained helium)		
	Government	Private
Beginning inventory	19,643,457	1,222,914
net acceptances +	0	0
redeliveries	0	(162,100)
In Kind Transfers	(105)	105
Open Market Sales	(222,000)	222,000
Gain/loss	809	
Ending Inventory	19,422,160	1,282,919
Total Helium in Reservoir	23,130,916	
Total Helium in Storage	20,705,079	
Helium in native gas	2,425,836	

Crude Helium Pipeline

	Gross	Net Helium	Percent
Beginning inventory	39,707	29,583	74.50%
Measured to Pipeline (Private Plants)	67,690	46,306	68.41%
Measured from Pipeline (Private Plant	274,777	208,405	75.85%
HEU Production	202,286	159,298	78.75%
Injection	11,402	9,027	79.17%
Production	19,896	15,719	79.01%
Ending Inventory	45,046	34,282	76.11%
Gain/Loss	1,647	809	

Tuck Trigg Reservoir Operations

	-		Since Field	
Native Gas (Gross)	Month	Fiscal Year	Discovery	l
Total in place, beg. of period	5,198,688	5,198,688	5,890,000	ĺ
Recoverable in place, beg. of period	4,528,688	4,528,688	5,220,000	l
Production during period to date	0	0	691,312	l
Total in place, end of month	5,198,688	5,198,688	5,198,688	l
Recoverable in place, end of month	4,528,688	4,528,688	4,528,688	

	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind+	Charges	Billed (\$)**
In Kind Heliun										
AirGas Inc./Aerifor Month FYTD	m, Contract	no. INC98-01	01						((billed quarterly)
AirGas Inc./AGA, C Month FYTD	Contract no. I	NC98-0102								
AirGas, Inc., Contr Month FYTD	act no. INC9	8-0103								
Air Liquide Helium Month FYTD	America, Inc	c., Contract ı	no. INC98	-0104						
Air Products, L.P., Month FYTD	Contract no.	. INC98-0105								
BOC Global Heliun Month FYTD	n, Inc., Contr	act no. INC9	8-0106							
Corp Brothers, Inc Month FYTD	., Contract n	o. INC98-010	7							
FIBA Technologies Month FYTD	s, Inc., Contra	act no. INC9	3-0108							
General Air Service Month FYTD	e & Supply C	o., Contract	no. INC9	8-0109						
Jack B. Kelley Co., Month FYTD	Contract no	. INC98-0110)							
Portland Welding S Month FYTD	Supply, Cont	ract no. INC	98-0111							
Praxair, Inc., Contr Month FYTD	act no. INC9	8-0112								
United States Weld Month FYTD	ling, Inc., Co	ntract no. IN	C98-0113	3						
Matheson Tri-Gas, Month FYTD	Inc., Contrac	ct no. INC98-	0114							
GT & S, Contract n Month FYTD	o. INC00-011	15								
Total month	0	0	0	0	0	0	0	0		\$0
Total FYTD	99,649	10,562	3	9,616	16,982	23,819	160,631	158,144		\$9,470,479
Total CYTD	60,637	6,686	0		12,617		103,263	101,664		\$6,152,279
Cumulative	1,308,142	59,583	219	255,061	307,419	310,194	2,240,618	2,205,861		\$116,094,268
In Kind Trans	ers						Month	FYTD	CYTD	Cumulative
Transferred Volume outstanding							105 43,016	166,918	115,128	2,162,920

^{*} Volumes in Mcf at 14.7 psia & 70°F

⁺ Volumes in Mcf at 14.65 psia & 60°F

Helium & Natural Gas Sales

	Award Volume*	Outstanding*	Sales*	Cha	arges Billed (\$)**
Conservation Helium					(billed quarterly)
Air Liquide Helium America, Inc.					
Month	12,000	0	0		\$0
FYTD	27,000	12,000	15,000		\$907,500
Cumulative	77,000		65,000		\$3,532,500
Air Products, L.P.					
Month	214,000	0	0		\$0
FYTD	624,000	214,000	410,000		\$24,805,000
Cumulative	3,109,400		2,895,400		\$163,234,750
BOC Global Helium, Inc.					
Month	130,000	0	0		\$0
FYTD	280,000	130,000	150,000		\$9,075,000
Cumulative	3,029,000		2,899,000		\$160,387,500
Keyes Helium Co., LLC					
Month	36,000	(12,000)	12,000		\$726,000
FYTD	167,000	24,000	143,000		\$8,651,500
Cumulative	473,200		449,200		\$25,639,150
Matheson Tri-Gas, Inc.					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	10,000		10,000		\$587,500
Praxair, Inc.					
Month	0	0	0		\$0
FYTD	540,000	0	540,000		\$32,670,000
Cumulative	2,040,000		2,040,000		\$117,715,000
Linde Gas North America, LLC					
Month	0	0	0		\$0
FYTD	0	0	0		\$0
Cumulative	200,000		200,000	\$11,035,0	
Total month	392,000	(12,000)	12,000		\$726,000
Total FYTD	1,638,000	380,000	1,258,000		\$76,109,000
Total CYTD	1,242,000		995,000	\$60,197,50	
Cumulative	8,938,600		8,558,600		\$482,131,400
Open Market Transfers		Month	FYTD	CYTD	Cumulative
Transferred		222,000	1,296,000	1,163,000	8,546,600
Volume outstanding		12,000			
* Valumas in Maf at 14 65 pais 8 60°E		.,,,,,			

^{*} Volumes in Mcf at 14.65 psia & 60°F

Natural Gas/Liquid Sales

	Natural Gas (Mcf)***	NGLs (gal)	Decatherms	\$/unit	Charges Billed (\$)**
El Paso Natural Gas		Provides Firm/Interru	ptible natural gas trar	nsportation services	(billed monthly)
Month	271,930		298,572	(\$0.0938)	(\$27,997)
FYTD	2,723,301		2,990,611	(\$0.0945)	(\$282,548)
Cumulative	15,399,548		16,924,848	(\$0.1053)	(\$1,781,671)
Minerals Manageme	ent Service	Provides natural gas	marketing services u	nder a Cooperative A	greement
Month					\$0
FYTD				(\$0.0027)	(\$7,331)
Cumulative				(\$0.0097)	(\$149,205)
OGE Energy/Tenasl	<u>ka</u>			<	Chk Minerals Management Service data>
Month	283,428	0	291,000	\$9.571667	\$2,785,355
FYTD	2,844,972	0	2,930,623	\$7.928433	\$23,123,618
Cumulative	15,757,609	0	16,834,071	\$6.413325	\$107,176,902
<u>SemCrude</u>					
Month	0	51,664	5,560	\$21.540180	\$119,763
FYTD	0	784,270	83,986	\$17.836667	\$1,498,030
Cumulative	0	3,918,069	417,133	\$11.827112	\$4,933,479
Total month	283,428	51,664	296,560	\$9.701650	\$2,877,121
Total FYTD	2,844,972	784,270	3,014,609	\$8.108315	\$24,331,770
Total CYTD	1,891,222	529,998	2,024,177	\$9.025232	\$18,217,188
Cumulative	15,757,609	3,918,069	17,251,204	\$6.432303	\$110,179,505

^{***} Volumes in Mcf at 14.73 psia & 60°F

All Volumes in Mcf at 14.7 psia & 70°F

Revenue Collected From Federal Leaseholds	Month*	FYTD*
Fee Sales & Royalties	\$703,213	\$6,721,095
Natural Gas Royalties (1)	\$3,481	\$18,388
Natural Gas Rentals	\$0	\$640
Other	\$10,417	<u>\$108,720</u>
Revenue Collected from Federal Lease Holds	\$710,014	\$6,750,540

^{*}Totals do not sum

Helium Analysis and Evaulation	Month	FYTD
Number of Sample Request Letters Sent	22	182
Number of Samples Received	8	33
Number of Samples Analyzed	7	40
Total Number of Samples Analyzed For Resources Division	13	78
Total Number of Other Samples Analyzed (2)	69	253

U. S. Helium Production

Domestic	FY Volume		CY Volume
2002 Helium Sold	4,620,900		4,584,904
2003 Helium Sold	4,621,000		4,393,555
2004 Helium Sold	4,675,800		4,692,699
2005 Helium Sold	4,936,900		4,800,782
2006 Helium Sold	4,943,900		4,944,544
2007 Helium Sold	4,955,600		4,965,176
2008 Helium Sold *	4,792,350	*	4,730,277
Estimated Helium Resources (as of 01/01/2003)	305,000,000		

^{*} Indicates Production Data is Projected

		FY-2007	CY-2007
U.S. Helium Exports	(3)	2,321,417	2,316,333

- (1) Includes drip gas sales & other miscellaneous gas sales.
- (2) Includes pipeline, field survey, and other requested analyses.
- (3) Data from Department of Commerce Bureau of the Census.

All volumes	s in Mct at 14	.oo psia d					Transfe	uuad Caa	Ctorod	Chara	oo Dillod	
	Gross Gas H	olium 0/		ed Gas	Helium		Transferred Gas Helium		Stored (Charges Billed (\$)**	
		Month	пенин	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD	
Total All Contra		WIOTIGI		1112	0115	Carrialative	Wierian	Carratative	2011	Wieliai	2	
Crude Acquired	67,626	68.4%	46,277	568,127	422,668	28,278,788	258,807	38,083,344				
Crude Disposed	274,713	75.9%	208,377	2,069,945	1,397,755	35,584,258	36,702	28,016,237		\$355,768	Storage Fees	
Grade-A Rdlvrd	0	7 3.3 70	0	2,003,343	0	1,478,718	30,702	20,010,237		\$217,646	RMF Fees	
Net/Balance	(207,087)			(1,501,818)	(975,087)		222,105	10,067,107	1,282,919	\$573,414	\$5,252,349	
Total Prior Con		NATED)	(102,100)	(1,501,616)	(913,001)	(0,704,100)	222,103	10,007,107	1,202,919	ψ575,414	ψ3,232,349	
Crude Acquired	ili acis (i Livivi	INA I LD)		0	0	17,406,129	0	18,196,898				
				0	0	11,830,863	0	19,148,768				
Crude Disposed Grade-A Rdlvrd				0	0	1,478,718	U	19,140,700				
				0	0	9,834			0			
Number of trailers BOC Global He	lium Ina Car	-44	400E 224		U	9,834			U			
	ilum, inc., Cor	ntract no.	1995-324	9								
Crude Acquired												
Crude Disposed												
Net/Balance												
Praxair, Inc., Co	ontract no. 199	95-3251										
Crude Acquired												
Crude Disposed												
Net/Balance												
Air Products, L	.P., Contract r	no. 1995-3	3256									
Crude Acquired												
Crude Disposed												
Net/Balance												
ExxonMobil Ga	s Marketing C	o., Contr	act no. 19	95-3280								
Crude Acquired												
Crude Disposed												
Net/Balance												
Pioneer Natura	l Resources U	ISA, Inc, (Contract i	no. 1995-32	86							
Crude Acquired												
Crude Disposed												
Net/Balance												
Keyes Helium (Co., LLC, Cont	tract no. 1	1995-3287	•								
Crude Acquired	, ,											
Crude Disposed												
Net/Balance												
Linde Gas Nort	h America. LL	C. Contra	act no. 20	01-3282								
Crude Acquired	,	,										
Crude Disposed												
Net/Balance												
Air Liquide Heli	ium America	Inc. Con	tract no 2	003-3284								
Crude Acquired	a Ao.ioa,	, 00111	110. 2									
Crude Disposed												
Net/Balance												
Matheson Tri-G	as Inc. Cont	ract no 2	007-328 <u>8</u>									
Crude Acquired	as, mo., com	ract IIO. Z	301-3200									
•												
Crude Disposed												
Net/Balance												

Government Helium

19,643,457 Remaining Crude Acquired beginning of the month

Crude Disposed: In Kind Sales transferred for the month (105)

Open Market/Reserve Sell Down transferred for the month (222,000) Gains and Loses for the month <u>809</u> Net/Balance of Purchased Helium Remaining for Sale 19,422,160

**Rounded to nearest dollar

^{*}Includes In Kind and Open Market transfers from Government storage

Field/CHEU Compressor Operations		Month	FYTD	Cumulative
Spot gas fuel price *	\$ per/MMBTU	\$9.57	\$7.97	\$6.29
Fuel used *	total MMBTU	11,662	133,907	763,424
Field compressor fuel revenue *	\$dollars	\$6,630	\$25,461	\$610,350
HEU compressor fuel credit *	\$dollars	\$67,412	\$592,586	\$2,449,957
HEU fuel credit *	\$dollars	\$37,563	\$448,928	\$1,739,643
#1 Compressor run time *	hours	743	7,146	45,538
#2 Compressor run time *	hours	0	4,028	29,811
#3 Compressor run time *	hours	661	2,887	19,816

^{*} Field/CHEU Compressor Operations based on Jul 08 activity

Field Compressor Charges	Charges Billed (\$)*		
BOC Global Helium, Inc., Contract no. 1995-3249			
Praxair, Inc., Contract no. 1995-3251			
Air Products, L.P., Contract no. 1995-3256			
Keyes Helium Co., LLC, Contract no. 1995-3287			
SubTotal - Cliffside Refiners, LP (provides booster compression services)	(\$59,625)	(\$614,629)	(\$6,173,807)
Cliffside Refiners, LP, GDA010003 (BLM provided fuel *, labor, supplies, etc.)	<u>\$15,151</u>	<u>\$169,891</u>	<u>\$1,526,928</u>
Net Total - Cliffside Refiners, LP	(\$44,474)	(\$444,738)	(\$4,646,880)

^{*} BLM provided fuel cost is based on May 08 fuel consumed

^{*}Rounded to nearest dollar

Crude Helium Enrichment Unit (CHEU)	Мо	nth	FY	Cumulative	
CHEU Runtime	Runtime Hrs	Percent	Runtime Hrs	Percent	Runtime Hrs
Processing feed gas	708	95.2%	6,971	95.2%	43,204
Producing residue gas	675	90.7%	6,847	93.5%	43,030
Producing helium product	670	90.1%	6,817	93.1%	40,173
Producing natural gas liquids	691	92.8%	6,827	93.3%	38,687

	Charges Billed (\$)*		
CHEU Charges	Month	FYTD	Cummulative
Reservior Management Fees (RMF)	\$217,646	\$2,029,934	\$10,927,869
Total operating costs	(\$1,020,433)	(\$9,294,002)	(\$54,320,526)
Labor	\$76,263	\$762,630	\$3,769,310
Compressor fuel cost May 08	\$74,816	\$527,371	\$2,354,982
HEU fuel cost May 08	\$56,202	\$402,962	\$1,687,841
Electrical power cost May 08	\$192,728	\$1,396,799	\$7,737,300
Other	<u>\$109,611</u>	<u>\$1,096,110</u>	<u>\$5,381,636</u>
Sub Total - Items provided by BLM	\$509,620	\$4,185,872	\$24,140,424
Total - Cliffside Refiners, LP, GDA030001	(\$510,813)	(\$5,108,130)	(\$30,180,102)

*Rounded to nearest dollar

CHEU Utility Usage	Month	FYTD	Cumulative
Cheu Fuel Gas (Mcf) usage Jul 08	3,424	48,355	246,664
Cheu Pure Water Usage (gallons) Jul 08	3,379	33,058	197,231
Electricity Metered (Kwh) consumed May 08	2,690,356	23,282,067	131,897,745